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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/929,118	08/14/2001	Chiung-Hsien Wu	TW 000006	1339

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS
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EXAMINER

LE, DANH C

ART UNIT	PAPER NUMBER
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2683

DATE MAILED: 04/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/929,118

Applicant(s)

WU, CHIUNG-HSIEN

Examiner

DANH C LE

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 081401.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3.5.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. Claims 1-16 are rejected under 35 U.S.C. 102(b as being anticipated by Watanabe (US 5,991,642)).

As to claim 1, Watanabe teaches a method of transferring a communication session established between a content server (70) and a mobile device (11-13) in a first service area (1) of a communication network (figure 1) comprising a plurality of service areas (1-4), each service area being associated with a transcoding proxy (A/B) for transcoding communication sessions established in said service area to and from a format suitable for the mobile device, the first service area being associated with a first transcoding proxy (A/B), the method comprising transferring the relaying of the communication session from the first transcoding proxy to a second transcoding proxy (B) associated with a second service area (2) from said plurality.

As to claim 2, Watanabe teaches the method of claim 1, further comprising transferring session information related to the communication session from the first transcoding proxy (A/B) to the second transcoding proxy (B and col.10, line 11-col.12, line 10).

As to claim 3, Watanabe teaches the method of claim 1, further comprising receiving from the mobile device a ready to transfer message (503) identifying the second transcoding proxy (col.10, line 11-col.12, line 10).

As to claim 4, Watanabe teaches the method of claim 3, further comprising suspending the communication session after the ready to transfer message has been received, and resuming the communication session after a resume message (509) has been received from the mobile device (col.10, line 11-col.12, line 10).

As to claim 5, Watanabe teaches the method of claim 1, further comprising receiving from the mobile device in the first service area a transfer request message, determining a neighbor group comprising transcoding proxies associated with one or more service areas from said plurality, the one or more service areas being adjacent to the first service area, and

forwarding the transfer request message to the transcoding proxies from the neighbor group, in response to which at least one of said transcoding proxies sends a transfer reply message (502) to the mobile device.

As to claim 6, Watanabe teaches the communication system arranged for transferring a communication session established between a content server (70) and a mobile device (11-13) in a first service area (1) of a communication network (figure 1) comprising a plurality of service areas (1-4), each service area being associated with a transcoding proxy (A/B) for transcoding communication sessions established in said service area to and from a format suitable for the mobile device, the first service area

being associated with a first transcoding proxy (A/B), the communication system (figure 1) further comprising

instructing means (70) for transferring the relaying of the communication session from the first transcoding proxy to a second transcoding proxy (B) associated with a second service area (2) from said plurality.

As to claim 7, Watanabe teaches the communication of claim 6, further comprising:

Migration initialization means for receiving from the mobile device in the first service area a transfer request message (501), determining a neighbor group comprising transcoding proxies associated with one or more service areas from said plurality the one or more service areas being adjacent to the first service area, and forwarding the transfer request message to the transcoding proxies from the neighbor group, in response to which at least one of said transcoding proxies sends a transfer reply message to the mobile device (col.10, line 11-col.12, line 10).

As to claim 8, Watanabe teaches the communication system of claim 6, further comprising migration initialization means for receiving from the mobile device a ready to transfer message identify the second transcoding proxy (col.10, line 11-col.12, line 10).

As to claim 9, Watanabe teaches the mobile assistant server (351) for use in the communication system of claim 6, comprising said instructing means (col.10, line 11-col.12, line 10).

As to claim 10, Watanabe teaches the mobile assistant server of claim 9, further comprising

migration initialization means for receiving from the mobile device in the first service area a transfer request message, determining a neighbor group comprising transcoding proxies associated with one or more service areas from said plurality, the one or more service areas being adjacent to the first service area, and forwarding the transfer request message to the transcoding proxies from the neighbor group, in response to which at least one of said transcoding proxies sends a transfer reply message to the mobile device (col.10, line 11-col.12, line 10).

As to claim 11, Watanabe teaches a transcoding proxy for use in the communication system of claim 6, comprising said instructing means (col.10, line 11-col.12, line 10).

As to claim 12, Watanabe teaches the transcoding proxy as claimed in claim 8, further comprising migration means for receiving from the mobile device a ready to transfer message identifying the second transcoding proxy (col.10, line 11-col.12, line 10).

As to claim 13, Watanabe teaches a mobile device for use in the communication system of claim 8, comprising communicating means for communicating a ready to transfer message, identifying a second transcoding proxy, to said migration means (col.10, line 11-col.12, line 10).

As to claim 14, Watanabe teaches the mobile device of claim 13, further comprising comprising transcoding proxy selection means for receiving one or more transfer reply messages from at least one transcoding proxy, choosing the second

transcoding proxy from said at least one transcoding proxy based on said one or more transfer reply messages (col.10, line 11-col.12, line 10).

As to claim 15, Watanabe teaches the mobile device of claim 14, further comprising strength measuring means for comparing strengths of the respective signals comprising the one or more echo reply messages (col.2, line 58-col.3, line 17).

As to claim 16, Watanabe teaches the mobile device of claim 13, further comprising storage means for storing a list of service areas and associated transcoding proxies (col.10, line 11-col.12, line 10).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A. Yahagi (US 6,571,107) teaches the connection between mobile stations using different speech coding rules.

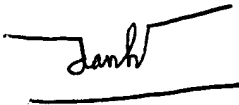
B. Lev et al (US 5,987,327) teaches the method for establishing communications in wireless communication systems having multiples switching centers.

C. Navaro et al (US 6,108,560) teaches the wireless communication system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANH C LE whose telephone number is 703-306-0542. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM TROST can be reached on 703-308-5318. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Danh C.Le



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